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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/632,097	08/01/2003	John Reed	2540-0590	1915
43624 7590 04/10/2008 DAVIDSON BERQUIST JACKSON & GOWDEY LLP 4300 WILSON BLVD., 7TH FLOOR ARLINGTON, VA 22203				
EXAMINER				
ENG, DAVID Y				
ART UNIT		PAPER NUMBER		
2155				
MAIL DATE		DELIVERY MODE		
04/10/2008		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/632,097

Applicant(s)

REED ET AL.

Examiner

DAVID Y. ENG

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 January 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-48 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-48 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 January 2008 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-8508)
- Paper No(s)/Mail Date _____

- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

The active claims are 1-48.

In view of the 130-132 affidavits, the rejections over the Vafaei and the Larson references are withdrawn.

Support in Specification

Applicants are requested to identify the support of claim 35 in the specification.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 21, 6, 24, 26, 2, 3, 31, 5, 16, 10, 36, 42, 11, 30, and 34 are rejected under 35 U.S.C. 102(e) as being anticipated by Salama (USP 7,197,549).

Claims 1, 2, 3, 31, 21, 6, 24, 26

See at least column 1, line 50 to column 2 line 8, column 2, lines 28-40 and Figure 1 in Salama. Salama teaches:

A system comprising:

a workstation (DHCP or RADIUS, column 2 lines 4-8) communicatively coupled to a network; and

a managed appliance (the client) communicatively coupled to the network;
wherein the workstation operatively locates the managed appliance across the network and operatively sets the IP configuration of the managed appliance across the network (see the Discover packet in Figure 7 and the description in column 7 line 66).

Claims 5, 16

See "subnet mask" in column 1 lines 30-49.

Claims 10, 36, 42

It is well known that a network is capable to connect more than two devices.

Claim 11

See "wireless network" in column 5 line 50.

Claims 30, 34

See "Discover Packet" in column 7 line 66.

Claim Rejections - 35 USC § 103

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 12, 35, 4, 8, 9, 15, 19, 25, 28, 32, 7, 18, 20, 27, 37, 38, 40, 41, 43, 44, 46, 47, 13, 14, 17, 22, 33, 29, 39 and 45 are rejected under 35 U.S.C. 103(a) as being unpatentable over Salama (USP 7,197,549) in view of Thomas (USP (6,681,250) .

Claims 12, 35, 4, 8, 9, 15, 19, 25, 28, 32

Salama teaches claim combination set forth above. The only difference is that Salama does not explicitly teach whether data labeled as keyboard data, cursor control

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data and video data are transmitted in his system. KVM data is well known in the art. Thomas teaches transmitting KVM data between devices connected to a network. From the teaching of Salama and Thomas, it would have been obvious to a person of ordinary skill in the art to configure devices of Thomas which capable of generate and transmit KVM data in a manner as taught by Salama so that devices are configured with IP addresses. See "KVM data" in line 19 of column 6 in and claims 10 and 11 in Thomas.

Further with respect to claims 35, 32 see "Discovery Packet" in column 7 line 66 of Salama.

Claims 7, 18, 20, 27, 37, 38, 40, 41, 43, 44, 46, 47

The "wherein clause" merely consists of non-functional descriptive material. Further, it would have been obvious to a person of ordinary skill in the art to use any type of communication protocol so long it is able to transmit data between devices connected to a network.

Claims 13, 14, 17, 22, 23

IP address, subnet mask and gateway address are well known IP configuration parameter.

Claims 29

See "wireless network" in column 5 line 50 of Salama.

Claims 39, 45

It is well known that a network is capable to connect more than two devices.

Claim Rejections - 35 USC § 103

Claim 48 is rejected under 35 U.S.C. 103(a) as being unpatentable over Salama (USP 7,197,549).

Claim 48

Salama teaches claim combination set forth above. It would have been obvious to a person of ordinary skill in the art to test a storing device to ascertain that it is capable of storing before data is stored.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAVID Y. ENG whose telephone number is 571-272-3984. The examiner can normally be reached on M-F from 8AM to 3PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, SALEH NAJJAR, can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/DAVID Y. ENG/

Primary Examiner, Art Unit 2155